

	<b>Total</b>	<b>N-Clones (208F-FE-8)</b>	<b>T-Clones (FE8-208F)</b>
Number of sequenced cDNA clones	1257	669	588
Number of individual sequences	823	416	407
Sequence analysis			
Known genes (nr/Genbank)	427	207	220
Expressed Sequence Tags (dbest)	303	161	142
No similarity in data bases (new)	93	48	45
<b>Expression analysis: Reverse Northern Analysis/conventional Northern Blot</b>			
Differentially expressed	393	225	168
Known genes	244	126	118
Expressed sequence tags	104	74	30
New sequences	45	25	20
Not differentially expressed	194	86	108
Not detectable in expression analysis	236	105	131

**FIG. 1**

Genes that are adjusted down by H-Ras-transformation					Genes that are adjusted up by H-Ras-transformation					
Sequence Identity (Genbank/EMBL)	Species	Access Redund- Number	Adjunct- ancy	Extent of ment ication	Sequence Identity (Genbank/EMBL)	Species	Access Redund- Number	Adjunct- ancy	Extent of ment ication	
Signalling Molecule										
3',5'-cyclic AMP phosphodiesterase	r	Z22867	1	>100	N1	m	AKAP-KL (A kinase anchor protein)	1	16.1	T1,R
Ahr repressor	m	AB015140	1	38.0	R	r	B61 (eck receptor ligand)	1	5.2	T2
cAMP-dependent protein kinase type II	r	M12492	1	>100	R	h	c-Hn-ras-1	1	17.0	T3
CSF-1 (colony stimulating factor-1)	r	M84361	2	5.6	N2,R	m	c-yes	1	12.5	T4
Gas-6	m	X59846	1	24.0	R	r	Caimodulin-dependent protein kinase II-delta	1	8.1	R
Guanine nucleotide-binding protein G-s alpha	r	M12673	1	3.6	N3	r	Cyclooxygenase I	1	90.7	T5,R
I-TRAF (TRAF-interacting protein)	m	M059864	1	38.6	N4	r	Cytoctrin-Ral-binding protein 1	1	8.3	T6
IKK-complex-associated protein (IKAP)	h	AF014195	1	8.6	R	m	FKBP51 (T-cell specific immunophilin)	1	68.2	T7
MARCKS	m	M60474	2	3.3	N5	m	FLIP (FLICE-like inhibitory protein)	2	>100	T8
MST2 kinase	r	A9001529	2	21.6	R	h	GEF-HI	1	32.1	T9
Myo-inositol monophosphatase (IMP)	r	U84038	1	44.5	N6	r	GTP-binding protein RAB5	1	>100	T10
P5 protein	ha	X62678	1	3.4	R	r	JAK1 protein-tyrosine kinase 1	1	55.0	T11
Phosducin-like protein (PLP)	r	L15354	2	>100	N7,R	r	MAP-kinase phosphatase (cpg21)	1	27.9	T12,R
Phosphatidylinositol 3-kinase p110 beta	h	S67334	1	>100	N8	r	p67 (isoprenylated 67 kDa protein)	1	98.2	T13
Phosphatidylinositol 3-kinase p170	m	U55772	1	65.9	N9,R	h	Phosphatase 2A B56	2	50.6	T14
Protein tyrosine phosphatase delta (MPTPd)	m	D13903	1	1.9	R	r	PXB kinase	1	19.9	T15
ROK alpha	r	U38481	1	26.1	N10	r	R-esp2	1	>100	T16
Serum inducible kinase (SNK)	m	M36163	1	>100	N11,R	r	ReplB GTP binding protein	1	21.0	T17
SH3 binding protein (SAB)	h	AB005047	1	3.5	R	m	Ras-Grase-activating protein	1	9.9	T18
						m	RhoC	2	6.7	R
						h	SBF1 phosphatase	1	27.1	T19,R
						h	Sprouty 2 (SPRY2)	2	11.60	T20,R
						m	TDAG51	1	2.7	T21
						r	Tyrosine phosphatase TA-2a	1	12.2	T22

FIG. 2

Nuclear Proteins (Transcription Factors, DNA Processing Enzymes)											
AHNAK nucleoprotein	h	M09002	2	>100	N12	Alpha-prothymosin	r	M60664	1	2.4	R
ATP-dependent RNA helicase	m	U46690	1	8.9	N13	BRCA1-associated RING domain protein (Bard1)	m	A0507157	1	3.5	T23
BRG-1 (brahma homolog)	m	S68108	1	13.1	N14	cdc-like-kinase (clk)	m	L29221	1	13.1	T24
CCAAT/enhancer binding (C/EBP gamma)	r	X64403	1	16.6	N15	FEN-1 (flap endonuclease-1)	m	L26320	1	11.1	T25
Cdc21	m	D26089	1	3.9	R	Fra-1 (fos-related antigen 1)	r	M19651	3	>100	T26,R
Centromeric protein CENPC	m	U03113	1	39.2	N16,R	Histone acetyltransferase (GCN5)	h	A029777	1	2.7	T27
Chromosome-associated polypeptide C (CAP-C)	h	A019987	1	9.6	R	hNop56 nucleolar protein	h	Y12065	1	2.9	T28
DNA polymerase epsilon	h	A036899	1	5.1	R	LAP1C (lamina-associated polypeptide 1C)	r	U19614	1	7.6	T29
DNA repair protein RAD50	m	U66887	1	3.4	N17,R	Myb-binding protein (P160)	m	U63648	1	5.9	T30
ERS1 transcription factor	h	U17163	1	9.6	N18	NP-1 transcription factor	m	U57635	1	71.8	T31
ETF TEA domain containing transcription factor	m	D50563	1	7.4	N19	p100 transcriptional coactivator	h	U83883	1	4.9	R
Gu binding protein	h	U78524	1	41.7	N20	PEBP2b2	m	D14571	2	45.4	T32
HSC retinoblastoma-associated protein	h	A017790	1	3.9	N21,R	RB (retinoblastoma protein)	r	D52533	1	6.5	T33
Helicase p68 (HUMP68)	h	A015812	2	>100	N22,R	SA-1 (stromal antigen)	m	Z75332	1	89.1	T34,R
Histone H3.3	h	Z48950	2	5.8	R						
Ki-67 antigen	m	X82786	1	>100	N23,R						
LAP2 (lamina associated polypeptide 2)	r	U18314	4	>100	N24,R						
Mouse zinc finger protein	m	D45210	1	5.6	N25						
mTFE3 (X-linked transcriptional activator)	m	S76673	1	3.6	R						
Nuclear autoantigen GS2NA	h	U17989	1	31.9	R						
Nucleoporin 155	h	AJ007558	1	15.2	N26						
Poly(ADP-ribose) glycohydrolase (hPARG)	m	A079557	1	2.4	R						
Rnf4 transcription factor	m	U95141	2	64.9	R						
Single strand DNA-binding protein	h	A077048	1	4.9	R						
STAT5a1 transcription factor	r	U24175	1	1.8	N27						
Topoisomerase I	m	D10061	1	20.1	R						
Topoisomerase II	r	Z19552	3	2.1	R						
Protein Processing, Protein Transport and Protein-folding Molecule											
26S proteasome subunit p55	h	A003103	1	3.5	N28	Aminopeptidase P (APP)	r	A038591	2	5.6	R
GRP94/endoplasmic	m	S69316	1	2.2	R	Chaperonin containing TCP-1 epsilon (CCT)	m	Z31555	2	2.2	T35,R
Heat shock protein 105	m	D67016	1	15.1	N29	Exportin	h	A039022	4	48.5	T36
Heat shock protein 90	h	X15183	1	4.8	N30,R	GRP75	r	S78556	2	2.2	T37,R

FIG. 2A

MG-160 (Golgi apparatus sialoglycoprotein)	r	U08136	1	2.3	R	HAUSP (herpes ass. ubiquitin-specific protease)	h	Z72499	1	28.8	R
Rsec6	r	U32575	1	56.0	N31	Importin alpha Q1	m	AF020771	1	10.6	R
Translocation protein-1	h	D87127	1	>100	N32	MPPB (mitochondrial processing peptidase beta)	r	L12965	1	4.3	R
						Ran-GTPase	m	S83456	1	19.7	T37
						Sec61	r	M96630	2	29.2	T38,R
						Sort1 (sortilin)	h	X98248	1	10.5	T39
						Translation initiation factor 3	h	U94855	1	5.7	T40,R
Metabolic Enzymes, Transporters and Ion Channels											
3-beta-hydroxysteroid dehydrogenase isomerase	r	S63167	4	5.0	R	4F2he intestinal type II membrane glycoprotein	r	U59324	4	2.9	T41
3-hydroxy 3-methylglutaryl coenzyme A synthase	r	X52625	2	12.7	R	ABC transporter MQAT-B	h	AF071202	1	10.8	T42,R
Aldehyde dehydrogenase	r	J03637	1	37.8	N33	Acyl-CoA synthetase 1	r	D30666	1	4.1	R
Alpha-mannosidase II	m	X61172	1	6.3	R	Aldehyde reductase	r	D10854	1	4.0	T43
Antioxidant enzyme AOE372	m	U96746	1	1.8	N34	Asparagine synthetase	r	U07201	4	15.3	R
Apobee-1 binding protein 1	h	U76713	1	>100	N35	ATP citrate-lyase	r	J05210	2	3.1	R
CaBP1 (calcium binding protein)	r	X79328	2	4.7	N36	Bleomycin hydrolase	r	D87336	2	8.5	T44,R
Calcium channel beta subunit-III	r	M88751	1	18.8	N37	CIC-6a (chloride channel)	h	X99473	1	19.6	R
Dihydropyrimidinase related protein-3	h	D78014	1	2.3	R	Farnesyl pyrophosphate synthetase	r	M34477	2	3.3	T45,R
Glutamine synthetase	r	M91652	3	10.4	R	Glucose-6-phosphate dehydrogenase	r	X07467	1	2.4	R
NADH dehydrogenase chain 5	r	X14848	1	2.5	R	Glutathione reductase	r	U73174	1	2.7	T46,R
NADH dehydrogenase chain 6	r	X13220	1	5.3	R	Glvr-1 (Leukemia virus receptor 1)	m	M73696	2	22.2	R
NADP transhydrogenase	m	Z49204	1	12.3	N38	MCT1 monocarboxylate transporter	r	X86216	1	7.5	R
Phosphatidate phosphohydromase type 2	r	U90556	1	6.2	N39	Mitochondrial trifunctional protein	r	D16478	1	2.4	T47
Selenoprotein P	r	M63574	2	31.8	N40	Non-neuronal enolase (NNE)	r	X02610	5	2.5	R
						NPC-1 protein	m	AF003348	1	3.1	R
						Phosphoglycerate mutase type B	r	S63233	4	5.6	R
						Stenroyl-CoA desaturase 2	r	AF036761	1	7.5	R
						Transcript ass. with monocyte differentiation	h	X85750	1	8.2	T48
						Transporter protein (gl7)	h	U49082	1	4.2	R
						X-chromosome linked phosphoglycerate kinase	r	M31788	1	2.9	R

FIG. 2B



Cytoskeleton Components-Molecule Involved in Adhesion and Cell-Cell Interaction											
ABP-280 (actin-binding protein/filamin)	h	X53416	1	5.8	R	Arp3 (actin-related protein 3)	h	AF006083	3	3.3	T49, R
Alpha-actinin	r	X06801	5	4.2	R	Calcium-binding protein pp52/LSP1/WP34	m	M89956	2	29.7	T50, R
Cadherin-11	m	X77557	1	11.7	R	Calponin	r	U06755	1	5.2	R
Caldesmon	r	U18419	3	37.7	N41	CD44 glycoprotein	r	M61875	1	17.0	T51, R
Cytohesin-2	r	U70728	1	>100	N42	Laminin receptor	m	J02870	5	4.1	R
Gas-1	m	X65128	1	10.4	R	Leukocyte adhesion protein p150, 95	h	Y00093	2	5.2	R
HSPG core fibroglycan (syndecan-2)	r	M81687	1	61.9	N43, R	MAGE-B gene cluster	h	U93163	2	15.3	T52
huEMAP microtubule associated protein	h	NX004434	1	26.9	N44	Myosin regulatory light chain	r	D14688	1	6.9	R
MLC-2	r	S77900	2	2.6	N45, R	TAL oncofetal gene	r	U00995	2	1.9	T53
P-cadherin	m	X06340	1	60.1	N46	Thymosin beta 4	r	M34013	1	2.4	T54, R
Podoplanin	r	U96449	1	9.4	R						
Ryndocan	r	S61868	6	27.7	N47, R						
Tropomyosin 4	r	Y00169	1	7.8	N48, R						
TRPM-2/clusterin	r	M64723	1	39.4	N49						
Vimentin	r	X62952	1	1.6	R						

Extracellular Proteins											
Collagen alpha1	r	Z78279	34	22.3	R	MMP-1 (Collagenase)	r	M60616	19	>100	T55,R
Cyr61 (immediate-early gene)	m	M32490	4	16.0	N50,R	MMP-3 (Stromelysin 1)	r	X02601	7	32.3	T56,R
Entactin/Nidogen	m	X14194	14	35.8	N51	MMP-10 (Stromelysin 2)	m	X05083	12	33.8	R
Fibrillin-1 (Fbn1)	m	U22493	1	3.3	R	Mob-1	r	U17035	2	2.4	T57,R
Fibronectin	r	X15906	25	>100	N52	Testin	m	X78990	1	8.9	T58
FISP-12	m	M70642	2	49.4	N53						
Follistatin-related protein; TSC-36	r	U06864	5	2.0	N54,R						
Laminin B1	m	M15525	1	5.0	R						
Lysyl oxidase	r	U11038	14	9.2	R						
Lysyl oxidase-related protein (WS9-14)	h	U89942	1	59.2	N55,R						
Megakaryocyte potentiating factor	m	D86370	3	6.0	N56						
MGF (mast cell growth factor)	m	U44725	1	13.4	N57						
MMP-2 (Gelatinase A)	r	U65656	3	50.6	N58,R						
Thrombospondin 1	m	M62470	25	42.5	R						
TIMP-2 (inhibitor of metalloproteinase 2)	r	S72594	1	18.3	N59,R						

FIG. 2C



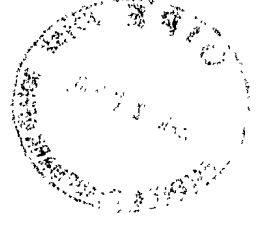
Others											
AAC11 (anti-apoptotic gene)	h	U83857	2	3.1	N60	Annexin IV	m	U72941	1	57.8	T59,R
Ania-6 (activity and neurotransmitter-ind. gene 6)	r	AF030091	1	10.2	R	B-cell receptor associated protein 37 (BAP 37)	m	X78683	2	42.8	T60,R
Antiquitin	h	S74728	2	7.4	N61,R	BC-2 protein p32	h	AF042384	1	2.8	T61,R
ATP-dependent metalloprotease FtsH1	m	AF090430	1	21.3	R	BCSC-1 (breast cancer suppressor candidate 1)	h	AF002672	1	6.9	T62
CBP20 (CAP-binding protein)	h	X84157	2	5.0	R	BP-1 (similar to Lysyl hydroxylase isoform 3)	r	M18864	1	2.6	T63
Collapsin-2	c	U28240	1	>100	N62	C29 keratin-I related	m	AB013607	1	6.4	R
DOC-2;p96 Phosphoprotein	r	U95177	1	>100	N63,R	Calmodulin (RCM3)	r	M19312	2	2.8	T64
E124 (p53 responsive gene)	m	U41751	4	5.5	N64	E1B 19K/Bcl-2-binding protein homolog (Nip3)	m	AF041054	1	63.0	T65
eIF-4AII protein synthesis initiation factor	m	X58953	1	3.9	R	FLS353 activated in colon tumors	h	AB024704	1	2.3	R
H411 precursor	ha	AF046870	1	>100	N65	Glycyl-tRNA synthetase	h	U09510	1	12.0	R
Interferon induced gene	r	X61381	1	>100	N66	HRIHFB2216 rat fetal brain gene	r	AB015345	1	2.9	T66
KIAA0045 (myeloblast)	h	D28476	1	16.3	R	Insulinoma Gene (rig)	r	U09510	1	1.6	T67
KIAA0128 (myeloblast)	h	D50918	1	33.8	R	KE04p protein	h	M19393	1	16.0	T68
KIAA0235 (meloblast)	h	D87078	1	4.8	R	KIAA0013 (myeloblast)	h	AF064093	1	3.2	R
KIAA0259 (myeloblast)	h	D87448	1	3.6	R	KIAA0310 (brain)	h	DS7717	1	6.0	R
KIAA0332 (brain)	h	AB002330	1	20.8	R	KIAA0431 (brain)	h	AB002308	1	10.7	R
L1 retroposon (ORF2)	r	X53581	5	20.2	R	KIAA0525 (brain)	h	AB007891	1	2.5	R
LxRN3 (LINE 1 repetitive sequence)	r	M60824	1	26.2	R	KIAA0544 (brain)	h	AB011097	1	2.9	R
Mama gene	r	AF065438	1	14.5	N67	KIAA0595 (brain)	h	AB011116	1	9.4	R
Osteoglycin	m	D31951	5	2.7	R	KIAA0597 (brain)	h	AB011167	1	2.9	R
p53BP2 (p53binding protein)	m	U58881	1	10.3	R	LIM protein FHL2	m	AB011169	1	4.2	R
PEBP2a1	m	D14636	1	38.4	N68	LIM-protein FHL3	h	AF055889	1	7.3	T69
pMEV2 (maternal embryonic message gene 2)	m	X95350	1	29.4	N69	MAM domain protein	x	U60116	1	>100	T70,R
SFRS7 splicing factor	h	L41887	2	10.4	R	Mu-calpain large subunit (clsl)	r	XLU037376	1	28.7	R
WDNM2	r	X17464	1	>100	N70	Neuritin	r	RNU88958	1	1.8	R
Zinc-finger domain-containing protein	h	U90654	1	7.8	R	ORP150 (150 kDa oxygen regulated protein)	r	U41853	1	9.3	T71
ZNF216 zinc finger protein	m	AF062071	1	6.7	R	PHD finger protein 2 (PHF2)	h	NM_0053921	1	2.1	R
						Rsen3 (rat spinocerebellar alaxia type 3 gene)	r	Y12319	1	55.5	T72
						Seryl tRNA synthetase	h	M88136	3	2.4	R
						Synexin (annexin VII)	m	L13129	1	2.2	R
						TACC2	h	AF095791	1	2.3	R
						TSG101 (tumor susceptibility protein)	m	U52945	2	2.2	T73
						Tyrosine phosphatase-like protein 1A-2a; PTP35	r	U40652	11	74.9	T74,R

FIG. 2D

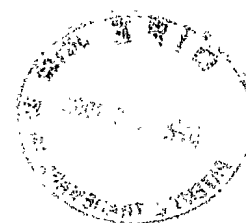


Sequence Identity (Genbank/EMBL)	Expression Strength			Sequence Identity (Genbank/EMBL)	Expression Strength		
	208F	FE8	+PD		208F	FE8	+PD
3-hydroxy 3-methylglutaryl coA synthase	+++	+	+++	Bleomycin hydrolase	+	+++	++
ABP-280 (actin binding protein/filamin)	+++	++	+++	BRCA1-associated RING protein (Bard1)	0	++	+
Alpha-actin	+++	+	+++	E1B 19K/Bcl-2-binding protein (Nip3)	0	+++	++
Antioxidant enzyme AOE372	++	+	++	Exportin	+	+++	++
AP56 (acetaminophen-binding protein)	++	0	++	FEN-1 (flap endonuclease-1)	0	+++	+
Cdc21	++	0	+++	FKBP51 (T-cell-specific immunophilin)	0	+++	+
Centromeric protein CENPC (a)	+++	0	++	FLIP (FLICE-like inhibitory protein)	0	++	0
Collagen alpha 1	+++	+	+++	GEF-H1	0	+++	+
CSF-1 (colony stimulating factor 1)	++	0	++	LAPIC (lamina associated polypeptide 1)	0	+++	0
DOC-2; p96 phosphoprotein	++	0	+++	MAM domain protein	0	+++	+
FRS1 transcription factor	+++	+	++	MAP-kinase phosphatase (cpq21) (c)	0	+++	+
ETF transcription factor	+++	0	++	MMP-10 (Stromelysin-2) (d)	0	+++	0
Fibronectin	+++	+	+++	MMP-3 (Stromelysin-1)	0	+++	0
Follistatin-related protein; TSC36	++	+	+++	Myb-binding protein (P160)	+	+++	+
GRP94/endoplasmic	+++	+	+++	NF-1 transcription factor	0	++	0
Gu binding protein	+++	0	+	Non-neuronal enolase (NNE)	+	+++	++
Heat shock protein 90	++	0	++	ORP150 (150 kDa oxygen regulated)	+	+++	+
HSPG core fibroglycan (syndecan-2)	+++	0	++	p67 (isoprenylated 67 kDa protein)	0	+++	++
Interferon induced gene	+++	0	++	PAB kinase	0	+++	+
I1 retroposon (ORF2)	+++	0	++	Rap1B GTP binding protein (e)	0	+++	+
Laminin B1	+++	+	++	Ras-GTPase-activating protein	0	+++	+
Lysyl oxidase	+++	+	++	Rscs3 (rat spinocerebellar ataxia gene)	0	+++	+
Lysyl oxidase-related protein (WS9-14)	++	0	+	SA-1 (stromal antigen)	0	++	+
Mama gene	+++	0	+	Sort1 (Sortilin)	0	+++	++
MMP-2 (Gelatinase A)	+	0	+++	TSG101 (tumor susceptibility protein)	++	+++	++
MTF3 (transcriptional activator)	++	+	++				
Nuclear autoantigen GS2NA	++	0	+++				
Osteoglycin	++	0	++				
P5 protein	+++	+	++				
P-cadherin	++	0	+++				
Phosducin-like protein (PhLP)	+++	0	+				
Serum inducible kinase (SNK)	+++	0	++				
STAT5a1 transcription factor	++	0	+++				
Thrombospondin 1	+++	0	+				
TIMP-2 (inhibitor of metalloproteinase 2)	+++	+	++				
TRPM-2/clusterin (b)	+++	+	+++				

FIG. 3

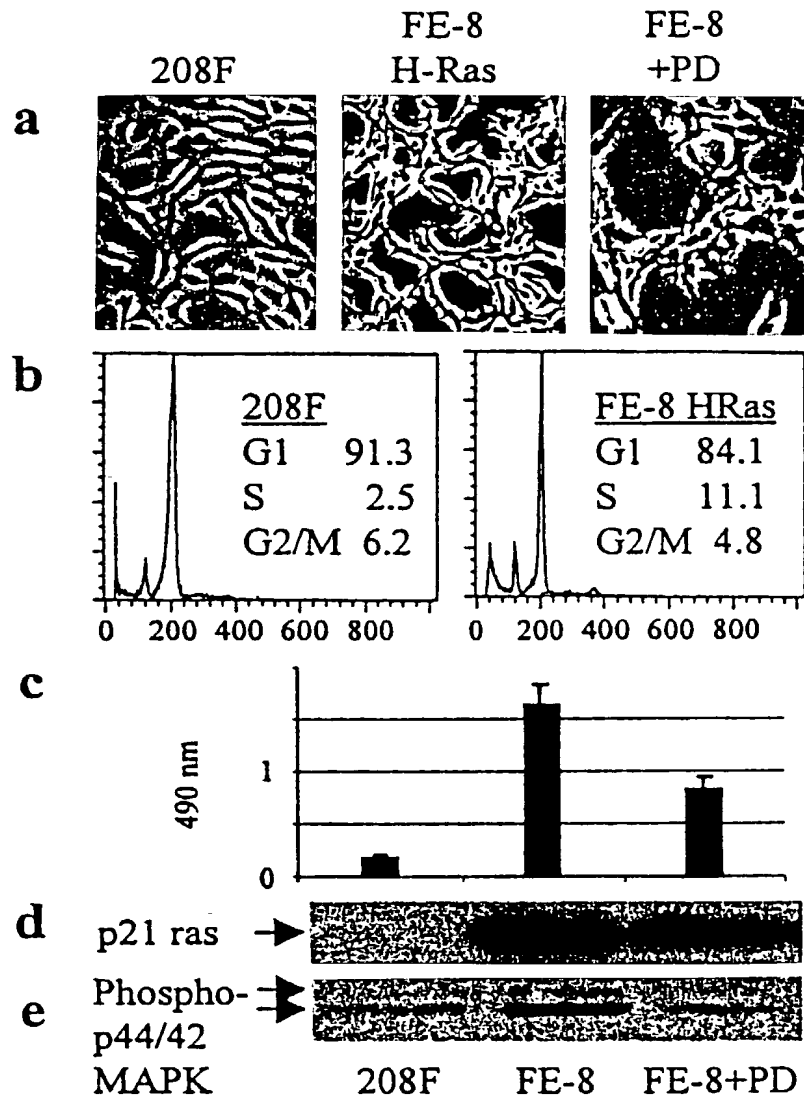




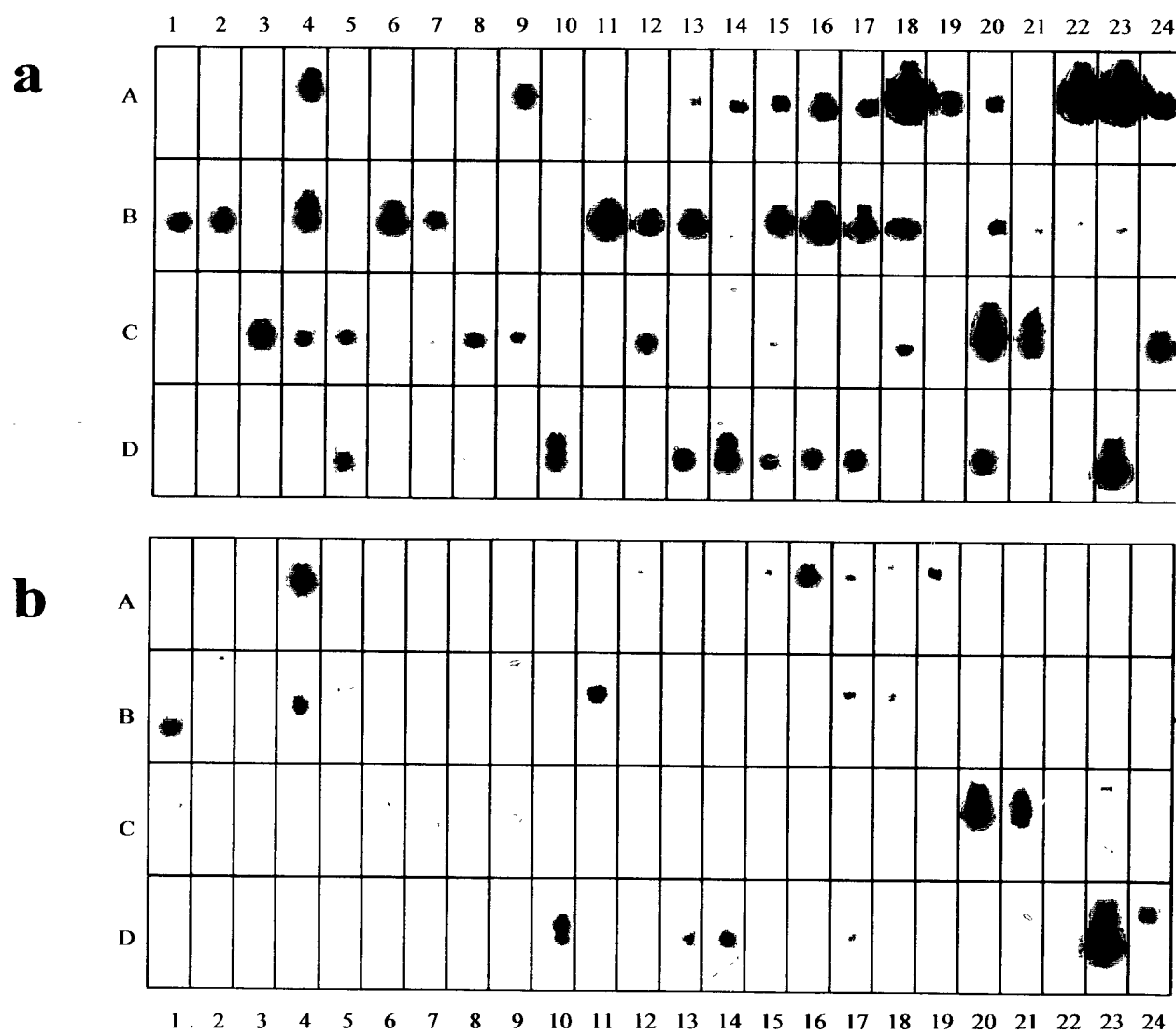


Sequence Identity (Genbank/EMBL)	Expression Strength			
	208F	FE-8 H-Ras	208F K-Ras	208F N-Ras
ABC transporter MOAT-B	0	++++	0	+
BCSC-1 (breast cancer suppressor candidate 1)	+	++++	0	+
Cyclooxygenase 1	+	++++	+	+++
ElB 19K/Bcl-2-binding protein (Nip3)	0	++	++++	++
EST AA743557	++++	+	0	++
EST AA792426	+	++++	+	+
EST AA924000	+	++++	+	++
ETF TEA domain containing transcription factor	++++	0	++	++
Famesyl pyrophosphate synthetase	+	+++	0	+
FEN-1 (flap endonuclease-1)	0	++++	+	0
FLIP (FLICE-like inhibitory protein)	0	+	++	++++
JAK1 protein tyrosine kinase 1	+	++++	+	+
MAGE-B gene cluster	0	++++	0	0
MAP-kinase phosphatase (cpg21)	0	++	+++	++++
MARCKS	++++	0	+	+++
MMP-10 (Stromelysin 2)	0	++	++	++++
Mob-1 ( <i>f</i> )	0	++++	++	+
mTFE3 (X-linked transcriptional activator)	++++	0	+	+
Myb-binding protein (P160)	+	++++	++	++
novel transcript N317	++++	0	++	++++
P-cadherin ( <i>g</i> )	++++	0	0	++
Phosphatidylinositol 3-kinase p170	+++	0	+	++
Ras-GTPase-activating protein	0	++++	0	0
SBF1 phosphatase	0	++++	+	+
Serum inducible kinase (SNK) ( <i>h</i> )	++++	0	+++	+++
Tyrosine phosphatase IA-2a ( <i>i</i> )	0	++++	0	++

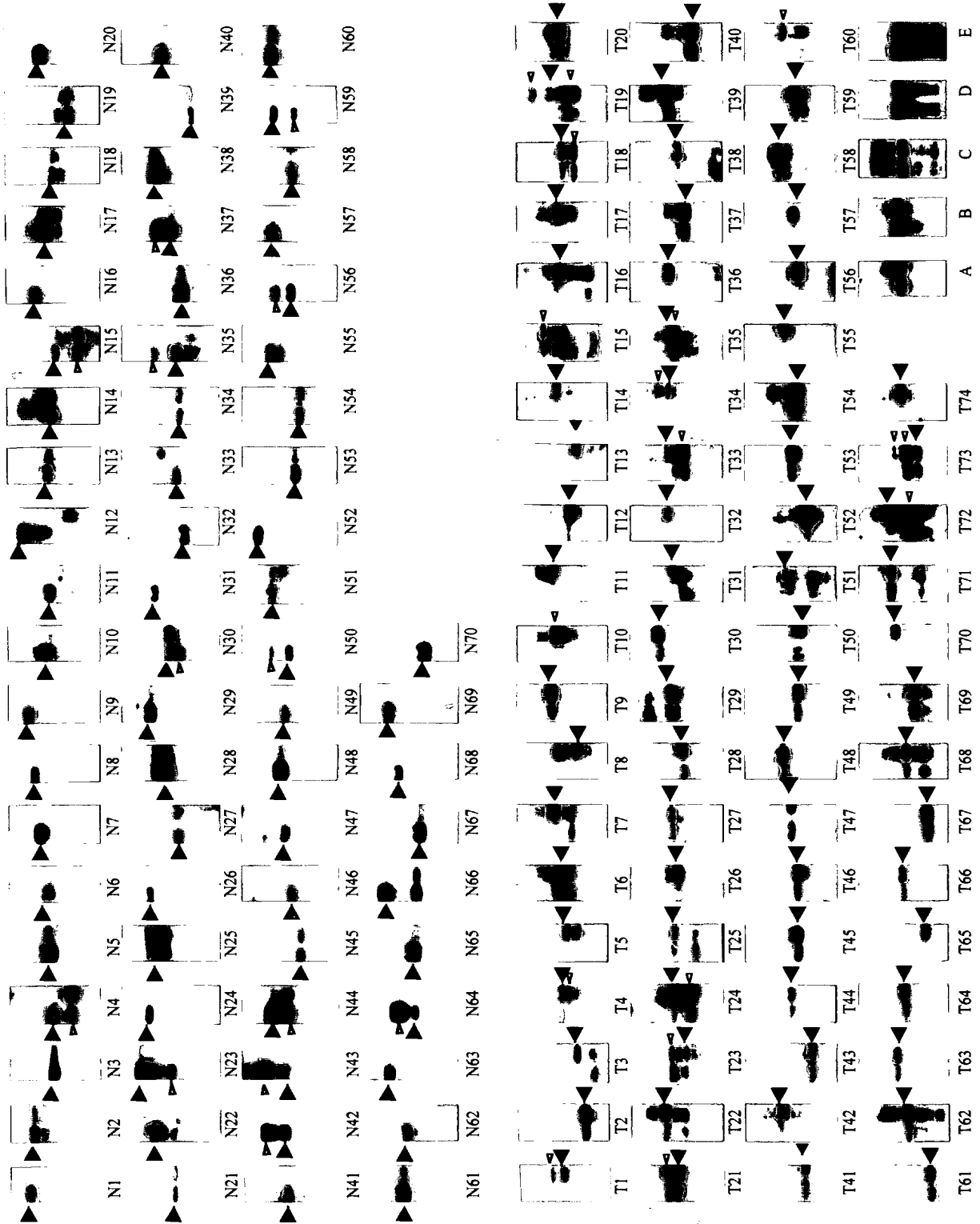
**FIG. 4**



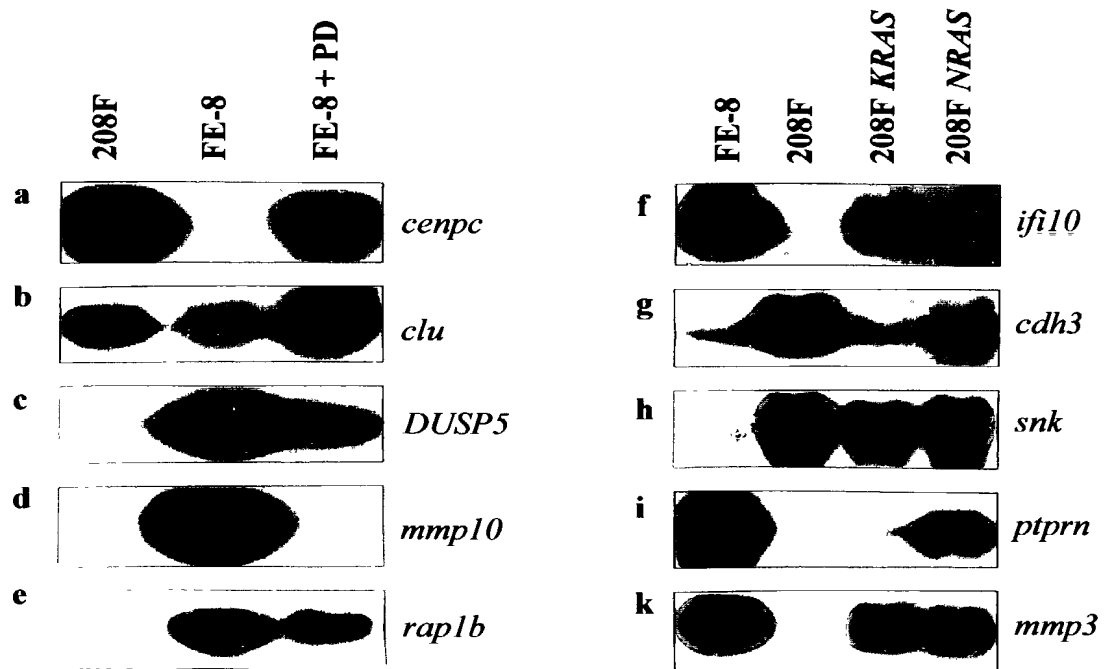
**FIG. 5**



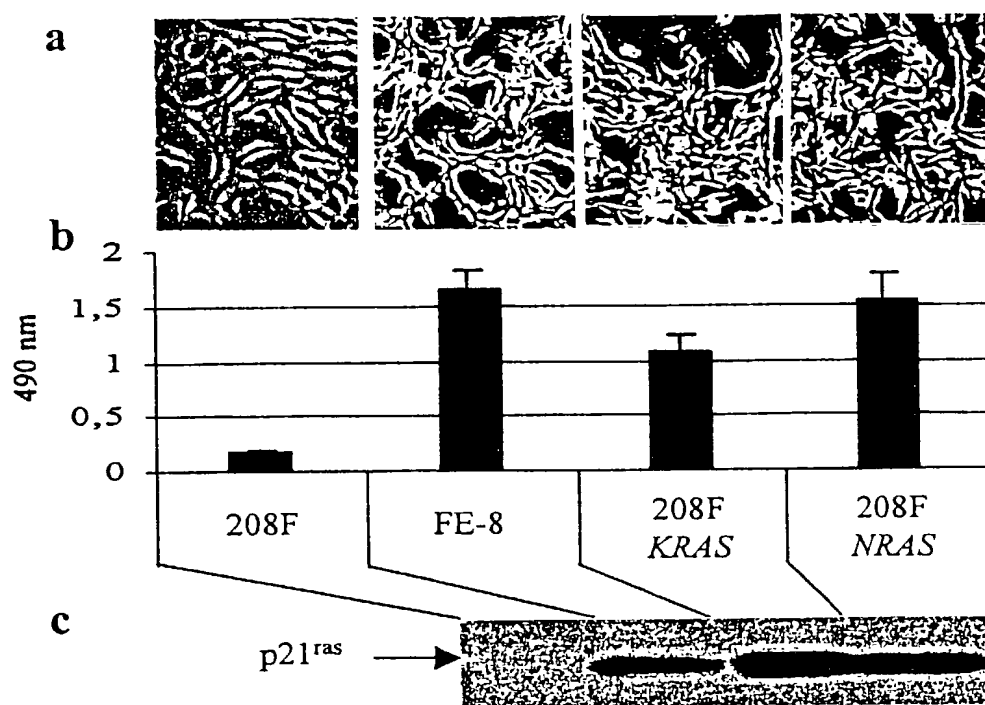
**FIG. 6**



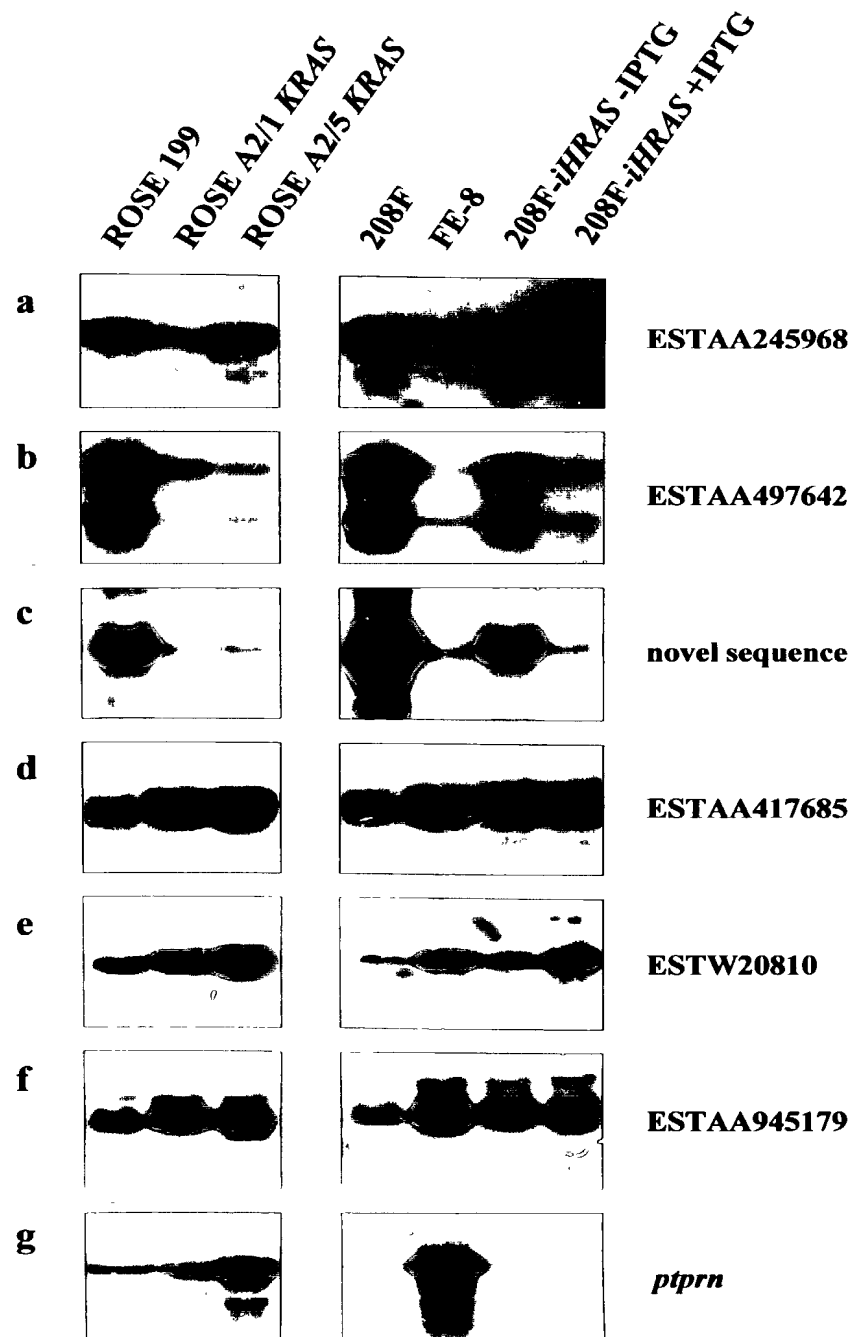
**FIG. 7**



**FIG. 8**



**FIG. 9**



**FIG. 10**

1	T59
2	T182
3	T82
4	T6
5	T34
6	N5
7	N20
8	N280
9	N271
10	N126
11	T148
12	N199
13	T64
14	N131
15	T20
16	T162
17	T141
18	N77
19	N104
20	T49
21	T16
22	N189
23	N28
24	T124
25	T216
26	T60
27	T37
28	T160
29	N101
30	N40
31	T54
32	T120
33	N159
34	T185
35	N151
36	T147
37	N188
38	T25
39	T47
40	T43
41	T139
42	T176
43	N144
44	T35
45	T98
46	T15
47	T138
48	N21
49	T76
50	T103
51	T143
52	T44
53	N31
54	T243
55	N129
56	T193
57	T132
58	T137
59	T217
60	T191
61	N42
62	T156
63	T67

**FIG. 11**



*[Circular stamp: RECEIVED JAN 20 1968]*

**FIG. 11A**



123	N102
124	T208
125	N44
126	T205
127	T215
128	N283
129	T226
130	T253
131	T222
132	N264
133	T240
134	N70
135	T125
136	N253
137	N234
138	N55
139	N202
140	N82
141	T45
142	T118
143	T10
144	N71
145	N183
146	N165
147	N213
148	N35
149	N182
150	N43
151	N75
152	T163
153	T89
154	N11
155	N32
156	T50
157	N215
158	N242
159	N181
160	N48
161	T227
162	N149
163	N109
164	N260
165	T219
166	T61
167	N85
168	N45
169	T250
170	N261
171	T172
172	N62
173	N160
174	N154
175	N58
176	T232
177	N128
178	N79
179	T58
180	N30
181	T68
182	T244
182	T251
182	T96
183	N26

**FIG. 11B**

**FIG. 11C**

**FIG. 11D**

**FIG. 11E**